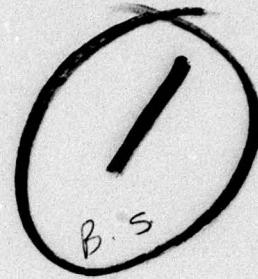


SDCS-ER-76-115



**SPECIAL DATA COLLECTION SYSTEM EVENT REPORT**  
**Eastern Kazakh, SSR, 28 August 1976**

**M. S. Dawkins & M. D. Gillispie**

**Alexandria Laboratories**

**Teledyne Geotech, 314 Montgomery Street, Alexandria, Virginia 22314**

**November 1977**

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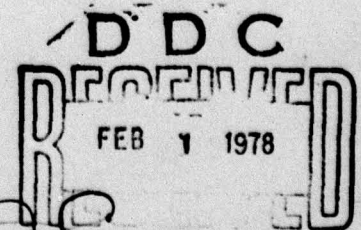
**The Defense Advanced Research Projects Agency (DARPA)**

**ARPA Order No. 2551**

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)		

# STATION DESCRIPTION

SITE CODE	LOCATION	SITE COORDINATES DEG MN SECS	ELEVATION METERS	INSTRUMENTATION	
				SHORT-PERIOD	LONG-PERIOD
HN-ME	Houlton, Maine	46 09 43.0 N 067 59 09.0 W	213	KS36000	KS36000
RK-ON	Red Lake, Ontario	50 50 20.0 N 093 40 20.0 W	366	18300	SL210 V SL220 H
082NV	Nevada Test Site	37 13 31.0 N 116 03 28.0 W		18300	N/A
NT-NV	Nevada Test Site	31 16 33.0 N 116 25 06.0 W		18300	N/A
NT2NV	Nevada Test Site	37 15 16.0 N 116 18 13.0 W		18300	N/A
LASA	Billings, Montana	46 41 19.0 N 106 13 20.0 W	744	HS10	7505A V 8700C H
NORSAR	Kjeller, Norway	60 49 25.4 N 010 49 56.5 E	379	HS10	7505A V 8700C H

-- HYPO --

28AUG INPUT FOR EVENT 28 AUG 76  
02:57:00.0 50.000N 79.000E OKM.

STA.	ARRIVAL	RESIDUALS		DIST.	AZ.
		CALC	RFST		
NAC	03 04 20.8	-0.6	-C.3	37.8	312.6
OB2NV	03 10 11.2	-0.2	C.0	91.4	11.7
LAO	03 09 29.6	0.3	0.6	82.8	3.4
RK-ON	03 09 05.7	-0.6	-C.4	78.5	355.1
HN-ME	03 09 10.6	C.5	C.7	79.2	337.2
NT-NV	03 10 10.2	-0.8	-0.6	91.3	12.0

67 HERRIN TRAVEL TIME TABLES

ORIGIN	LAT.	LONG.	DEPTH (KM)	SDV	IT	STA
NO CONVERGENCE ON CALC RUN						
02:56:15.1	50.239N	79.685E	-337. CALC	0.6	16	6
02:57:04.1	50.618N	78.700E	0. REST	0.5	4	6

CALC

2	.	3
1	.	0
0	0.	0
0	.	0
0	0.	0
0	.	0
0	0.	0

REST

2	.	3
1	.	0
0	0.	0
0	.	0
0	0.	0
0	.	0
0	0.	0

CHI2 COVERAGE ELLIPSE; 95 PER CENT CONF..LEVEL, SDV= 0.91  
MAJOR 359.2KM. MINOR 40.0KM. AZ= 8 AREA= 45083 SQ.KM. REST

ACCESSION for	
NTIS	White Section <input checked="" type="checkbox"/>
DDC	Buff Section <input type="checkbox"/>
UNANNOUNCED	<input type="checkbox"/>
JUSTIFICATION	
BY	
DISTRIBUTION/AVAILABILITY CODES	
Dist.	AVAIL. and/or SPECIAL
A	

DDC  
RECEIVED  
FEB 1 1978  
D

# DATA SUMMARY

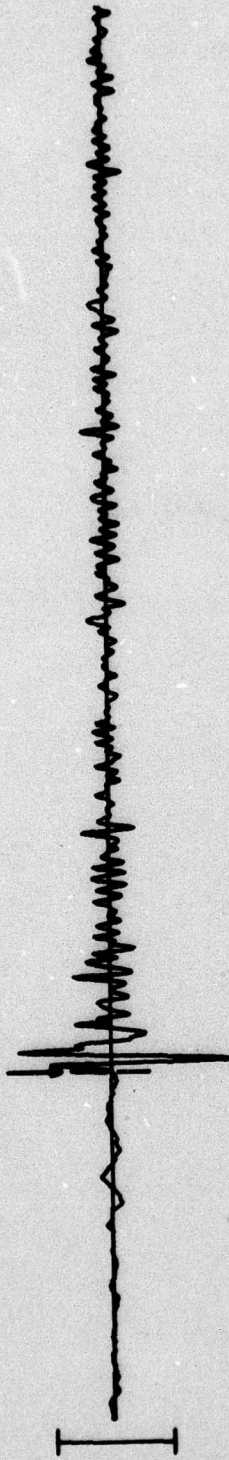
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02:57:00.C 50.000N 79.000E 0KM.

STA.	PHASE	ARRIVAL		INST	PER	A/T	MAGNITUDE		DIP	DIST
		TIME					MB	MS		
NAO	EP	03 04 20.8		AB	0.7	492.	5.89			37.8
RK-ON	EP	03 09 05.7		SPZ	0.6	168.	5.77			78.5
HN-ME	EP	03 09 10.6		SPZ	1.0	304.	5.96			79.2
LAO	EP	03 09 29.6		SAB	9.9	9999.				
NT-NV	EP	03 10 10.2		SPZ	0.8	72.	5.66			91.3
OB2NV	EP	03 10 11.2		SPZ	0.9	55.	5.54			91.4

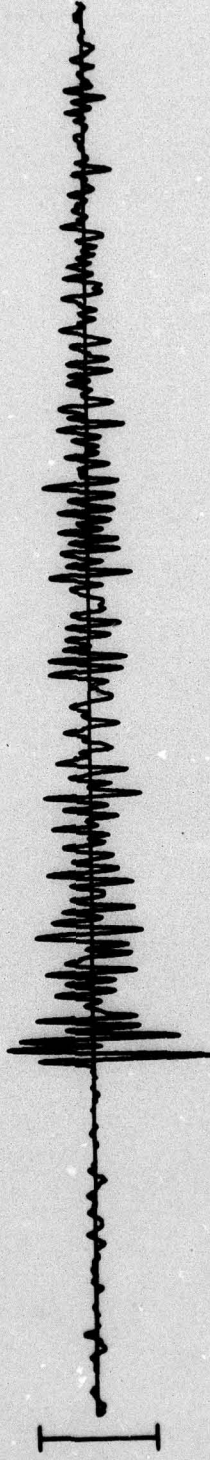
ORIGIN	LAT.	LONG.	DEPTH (KM)	MAG	SDV	STA
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RK-ON 28 AUG 76  
03:09:05.7

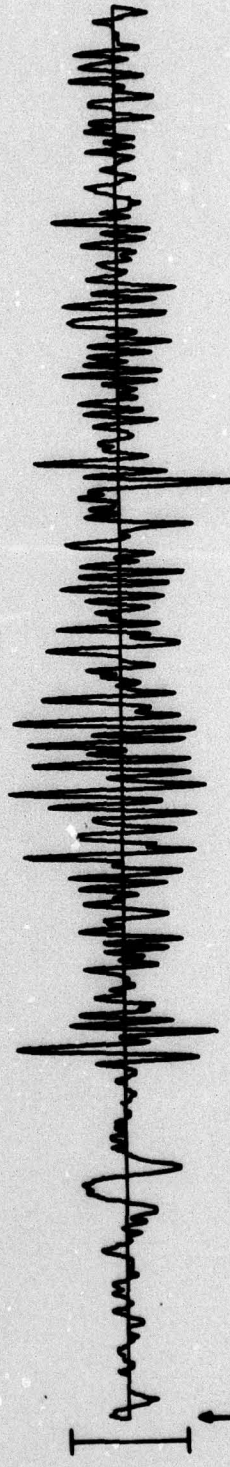
SPZ  
138.00 MU



SPR  
56.00 MU



SPT  
24.00 MU



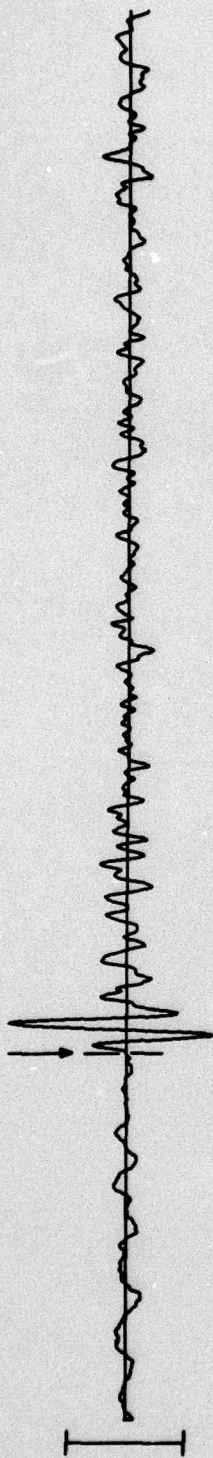
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10 SEC.

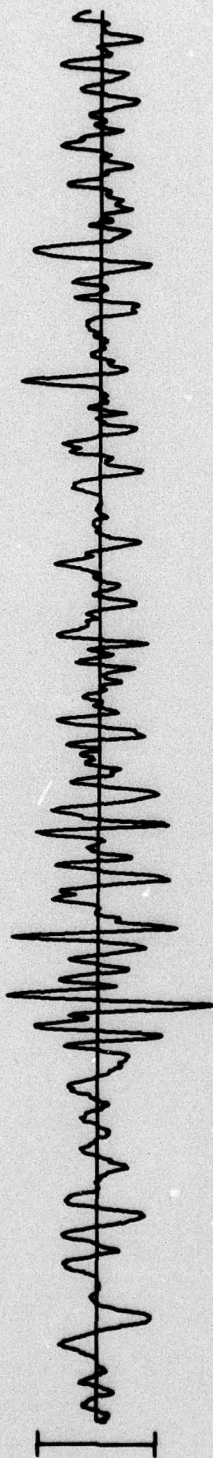
HN-ME 28 AUG 76

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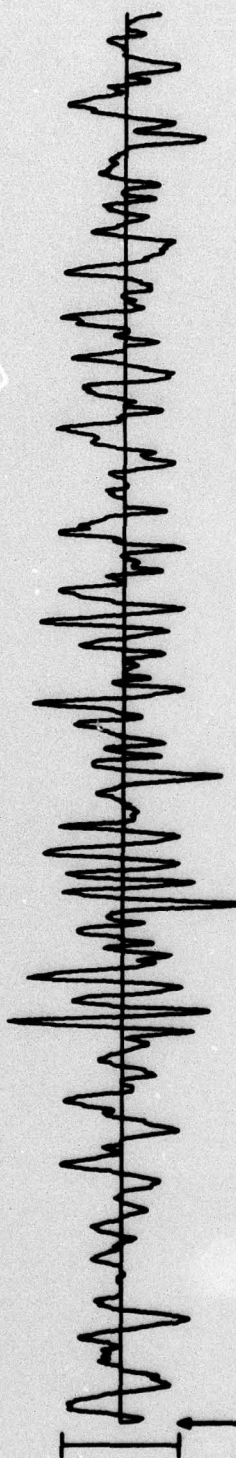
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178.00 MU



SPR  
49.00 MU

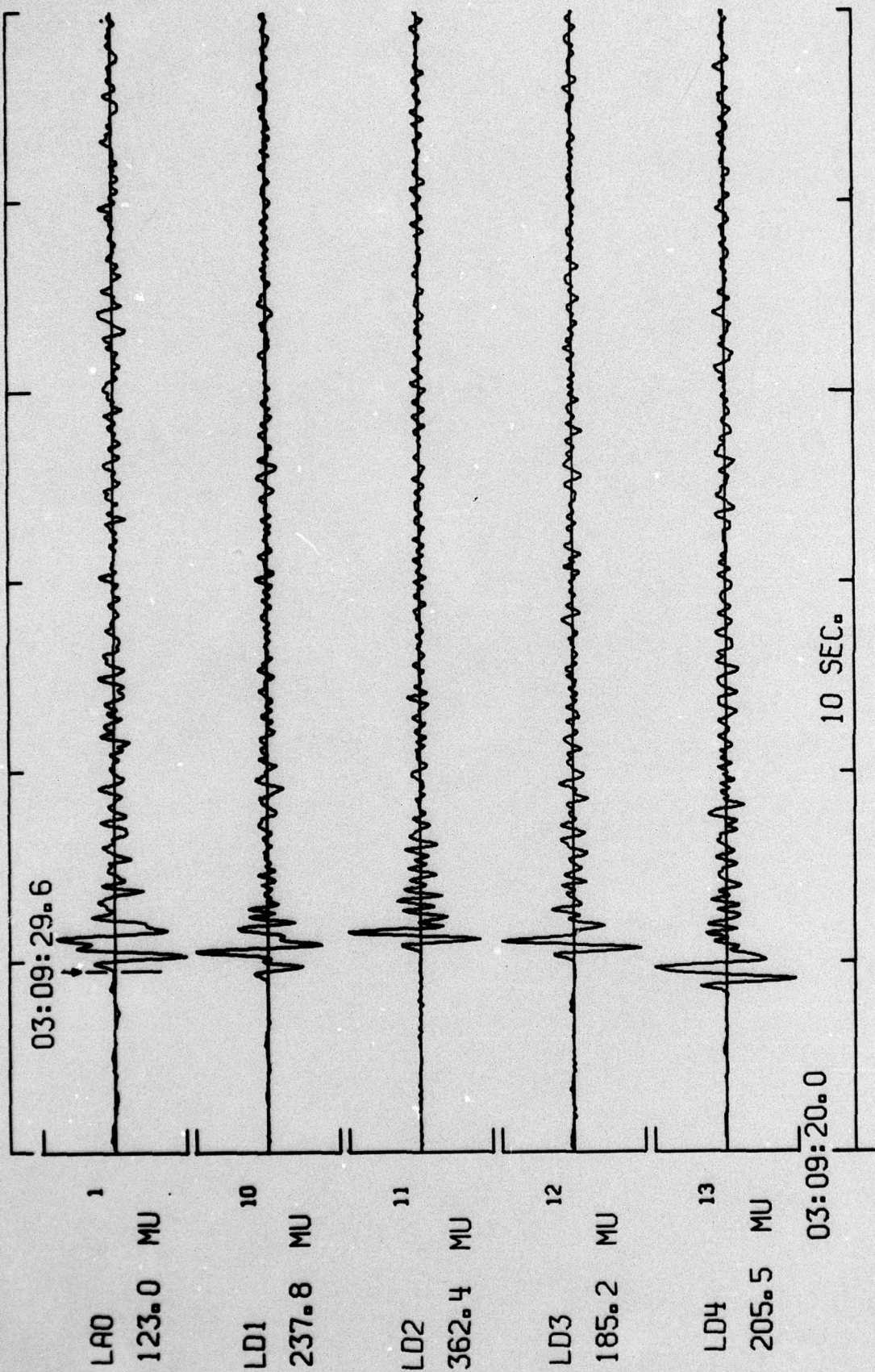


SPT  
31.00 MU



03:08:55.0

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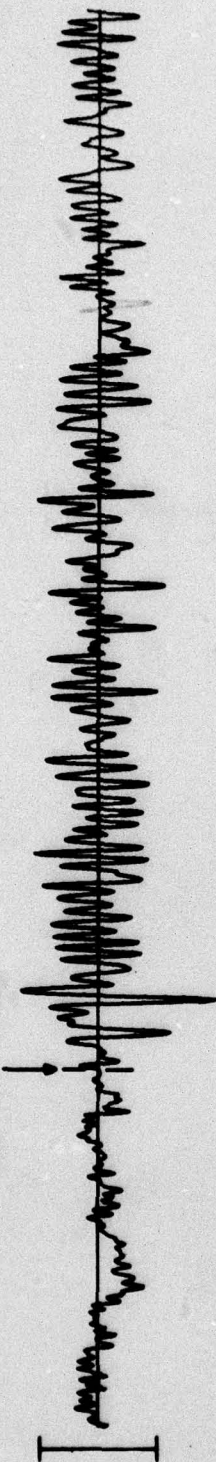


LASA 28 AUG 76

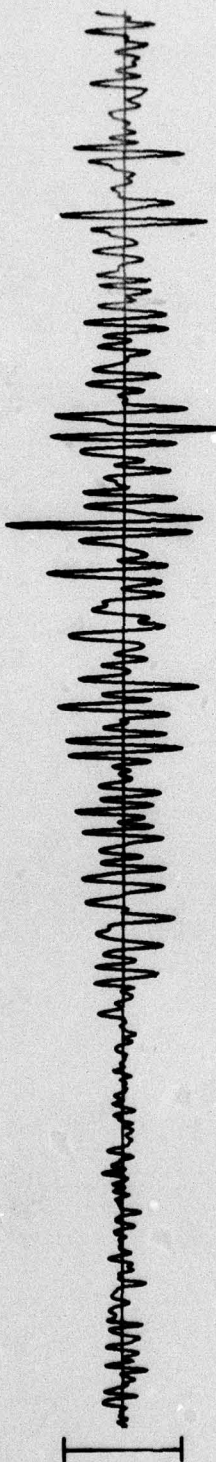
NT-NV 28 AUG 76

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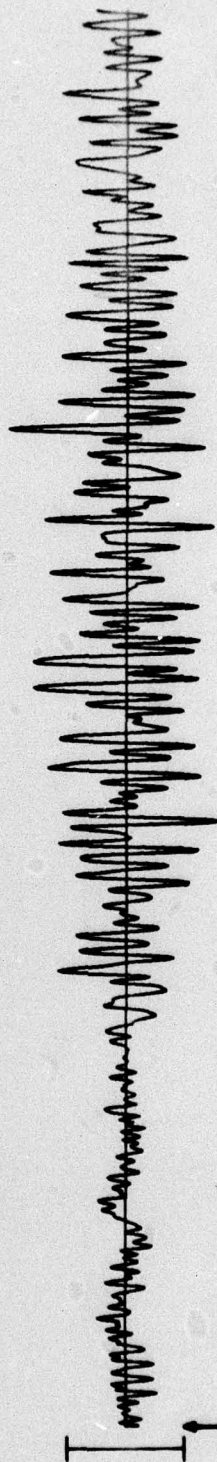
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SPR  
44.15 MU



SPT  
32.70 MU



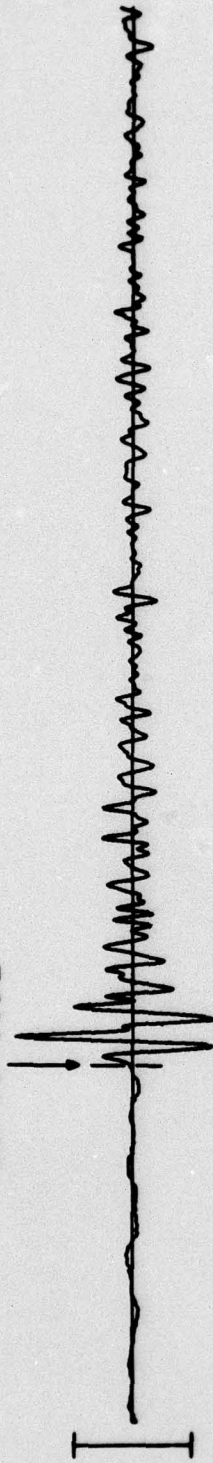
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10 SEC.

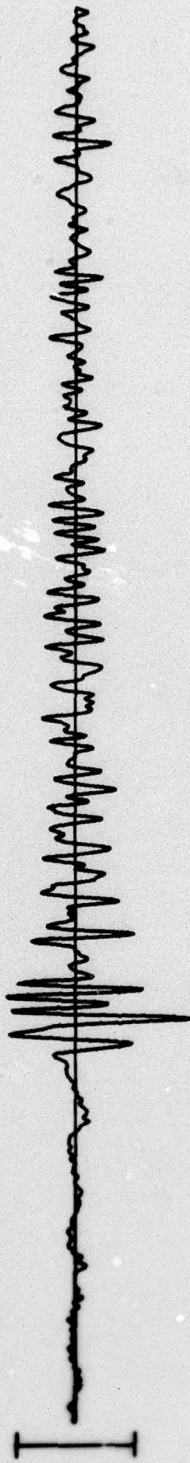
OB2NV 28 AUG 76

03:10:11.2

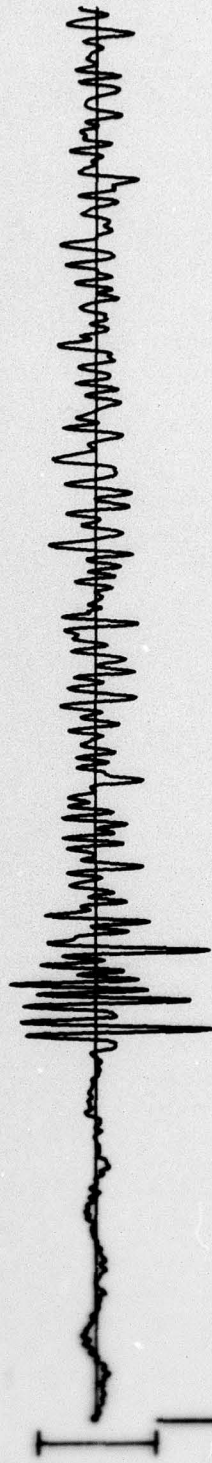
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36.47 MU



SPR  
13.73 MU



SPT  
9.29 MU



03:09:56.0

10 SEC.